



Repair: ENGINE CONTROLS - 5.2L -- DIESEL ENGINE
(WITH AFTERTREATMENT SYSTEM)

2008 Isuzu NRR ISUZU 4HK1 1L5 - NRR 4 CYL

Print Date: 14/9/2018

DIAGNOSTIC TROUBLE CODE (DTC) LIST

DIAGNOSTIC TROUBLE CODE LIST

DTC	DTC Type	DTC Descriptor
P0016	B	Crankshaft Position (CKP) - Camshaft Position (CMP) Correlation
P0027	A	Exhaust Throttle Control Valve Performance
P003A	A	Turbocharger Boost Control Position Not Learned
P0045	A	Turbocharger Boost Control Solenoid Control Circuit
P0079	A	Exhaust Valve Control Circuit Low Voltage
P0080	A	Exhaust Valve Control Circuit High Voltage
P0087	A	Fuel Rail Pressure (FRP) Too Low
P0088	D	Fuel Rail Pressure (FRP) Too High (First Stage)
P0088	A	Fuel Rail Pressure (FRP) Too High (Second Stage)
P0089	A	Fuel Pressure Regulator Performance
P0091	A	Fuel Pressure Regulator Solenoid 1 Control Circuit Low Voltage
P0092	A	Fuel Pressure Regulator Solenoid 1 Control Circuit High Voltage
P0093	A	Fuel System Large Leak Detected
P0097	A	Intake Air Temperature (IAT) Sensor Circuit 2 Low Voltage
P0098	A	Intake Air Temperature (IAT) Sensor Circuit 2 High Voltage
P0101	B	Mass Air Flow (MAF) Sensor Performance
P0102	A	Mass Air Flow (MAF) Sensor Circuit Low Voltage
P0103	A	Mass Air Flow (MAF) Sensor Circuit High Voltage
P0112	A	Intake Air Temperature (IAT) Sensor 1 Circuit Low Voltage
P0113	A	Intake Air Temperature (IAT) Sensor 1 Circuit High Voltage
P0116	A	Engine Coolant Temperature (ECT) Sensor Performance
P0117	A	Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage
P0118	A	Engine Coolant Temperature (ECT) Sensor Circuit High Voltage
P0126	B	Engine Coolant Temperature (ECT) Insufficient For Stable Operation
P0128	B	Engine Coolant Temperature (ECT) Below Thermostat

Isuzu Engine Codes

ML Yell



Isuzu Engine Codes:

Federal Register ,2002-07 **OBD2 Automotive Code Encyclopedia and Cross Reference Guide** Mandy Concepcion, Includes pressure voltage current volumes OBD 2 code definitions code setting criteria Cover **FARS Manual** ,1997 **Chilton's Truck and Van Repair Manual 1982-88** Chilton Automotive Books,1988-03 *Chilton's General Motors Spectrum/Storm* ,1993 *Chevy Small-Block V-8 Interchange Manual, 2nd Edition* David Lewis,2009 The small block Chevrolet engine is the most popular engine in the world among performance enthusiasts and racers But with its popularity come certain problems and this book is your step by step go to manual **FARS** ,1993 **Fundamentals of Medium/Heavy Duty Diesel Engines** Gus Wright,2021-09-30 Preview a Sample Chapter Now Chapter 12 Diesel Fuel Properties and Characteristics View Now Thoroughly updated and expanded Fundamentals of Medium Heavy Diesel Engines Second Edition offers comprehensive coverage of basic concepts and fundamentals building up to advanced instruction on the latest technology coming to market for medium and heavy duty diesel engine systems Now organized by outcome based objectives to improve instructional clarity and adaptability in a more readable format all content seamlessly aligns with the latest ASE Medium Heavy Truck Program requirements for IMMR through MTST This industry leading Second Edition offers Complete coverage for the T2 ASE exam including starting and charging systems Unique coverage and emphasis on electronic control systems for the L2 Diesel Specialist ASE Exam Dedicated chapters on the latest technology and unique OEM equipment Examples of In Depth Coverage for Today s Technicians Electronic service tools Variable Geometry and Series Turbocharging On board networks multiplexing and HD OBD fundamentals and OEM specific Exhaust Aftertreatment Systems Particulate filters Selective Catalyst Reduction SCR and OEM systems Exhaust Gas recirculation EGR Basic Components Coolers Dual Coolers Inspecting a Cooler Mixers Valves Control System Mass Airflow Oxygen Sensor and Speed Density measurement of EGR flow Maintenance On Board Diagnostics and System Performance Checks Engine sensors Analyzing Switch and Sensor Signals VREF and Zero Volt return ZVR Pull Up and Pull Down Switches Resistive Type Sensors Three Wire Hall Effect Sensor Throttle Sensors Pressure Sensors Mass Airflow Sensors Position Sensors Exhaust Gas Sensors Diesel Exhaust Fluid Sensors Fault Detection Principles for Sensors Three Wire Sensor Circuit Monitoring and Pinpoint Testing of Sensors Testing High Pressure Common Rail Fuel Systems Pressure Control Components Two Controller Rail Pressure Regulation On Board Diagnostics Monitoring Measuring Injector Back Leakage Measuring Total Fuel Leakage Fuel Balance Control Bosch Gen 1 4 Delphi Denso Servo hydraulic Direct Acting Piezo G3S and G4S III Siemens Continental AG Injection Rate Shaping Injection Rate and Fault Healing Model Predictive Control MPC and Rate Shape Selection Nominal Voltage Calibration Accelerometer Pilot Control Closed Loop Injector Control Fuel Leakage Rates Pressure Wave Correction Factor Zero Fuel Mass Calibration DYNAMIC TECHNOLOGY SOLUTIONS This text full aligns to CDX Online Access for Medium Heavy Duty Truck Online training program With an easy to use interface and seamless integration with

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